

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



**APPLICANT:** Xia et al. **GROUP:** 2631  
**SERIAL NO:** 10/701,047 **EXAMINER:** K. Tran  
**FILED:** 11/04/2003  
**FOR:** ADAPTIVE EQUALIZER HAVING A VARIABLE STEP SIZE  
 INFLUENCED BY OUTPUT FROM A TRELLIS DECODER

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

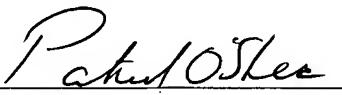
**AMENDMENT**

This amendment is in response to the Official Action, dated January 11, 2005. Please amend the application as follows:

**IN THE CLAIMS:**

Cancel claims 32 and 37, and amend claims 1, 7, 12, 14-17, 19-21, 27, 31, 36, 40-42, 45, and 49-50 as follows:

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on 6/13/ 2005 with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
 Kim M. Hume